

11-14-82 to

11-14-82 To 1-26-83

then to 6-4-83 ce

James W. Eche
Newman Rd, 6207
Fairfax Va



MEMO BOOK
60 Sheets Ruled
6 in. x 4 in.

152 mm x 102 mm

No. 14014

TOP SCHOLAR

COLUMBIA, MD. 21046

MADE IN U. S. A.

Δ from rocker
was flying
* first (see below)

Final book by
James W Eke
6207 Newman Rd
Fairfax, Va 22030

* for Jim it would be 1st of
season
for ce it was seen
but not ^{new} first of season

11-14-82 Sun. 24° - 45°
Sue & Rachel leave this
morning 8:40 - 9:40 AM.

Cloudless & calm early;
then heavy overcast & S
wind, 5-15 mph.

5-12 Juncos	30-40 Doves
20+ White-throats	12-15 Crows
20+ House Finches	10-15 Jays
15-20 C. Waxwings	50-100 Grackles
5-6 Bluebirds	2000+ Starlings
2 C. Geese (local)	6-8 House Spar.
2 Towhees	1 C. Wren
1 G. N. Tanager	5-6 Goldfinches
2-3 P. Finches	1 Chickadee
3-4 Yellow-r. Ws.	4-5 Titmice
100+ Robins	2 Nuthatches (1 Ad & 1 juv)

10¹⁵ Cardinals 1 Fish Crow
 3-4 Mockers 1 Meadowlark
 2-3 Flickers
 2 Red-bellies
 2 Downys
 ✓ ✓ Bluebirds very busy at
 both boxes.

* Sue and Rachel called
 from Marion at 3:55 PM
 - almost to their first
 stop at Emory & Henry.

11-15-82 Mon. 40° -
 overcast; wind N, 10-30 mph
 sunny by 8:30 AM. -

Juncos	Doves
White-throats	Crows
C. Waxwings	Jays
Towhees	Grackles
Bluebirds	Starlings
House Finches	House Sps.
Robins	Goldfinches
Cardinals	Chickadees
Mockers	Titmice
Flickers	Nuthatches
Red-bellies	C. Wren
Downys	

11-16-82 Tues. 19° -
 Few wispy clouds in S.E.;
 wind S, 5-20 mph;

10-15 Juncos 30-40 Doves
 15-20 White-throats 100+ Crows ^{5N-5 Low 100 PN}
 8-10 C. Waxwings 6-8 Jays
 2-4 Bluebirds Grackles
 20+ House Finches Starlings
 50+ Robins 5-6 House Sps.
 10-15 Cardinals 4 Goldfinches
 3-4 Mockers 2 Chickadees
 1 Pil. Woodpecker 4 Titmice
 2-3 Flickers 2 Nuthatches
 2 Red-bellies ~~1~~ 1 Red-shoulder
 2 Downys Δ 1 TV
 1 C. Wren
 ✓ 7 Fish Crows

11-17-82 Wed. 25°-

Overcast; occ. very light
breeze

10-15 Juncos 30-40 Doves
 20+ White-throats 15-20 Crows
 20-30 House Finches 6-8 Jays
 10 C. Waxwings Grackles
 3-4 Bluebirds Starlings
 ✓ 10-15 Purple Finches 5-6 House Sps.
 20-30 Robins 4 Goldfinches
 10-15 Cardinals (15) 2 Chickadees
 4 Mockers 4 Titmice
 1 Pil. Woodpecker 2 Nuthatches
 2-4 Flickers ~~1~~ 1 Red-shoulder
 2 Red-bellies
 2 Downys

11-18-82 Thurs. 36°-

8-10 Juncos 50+ Doves
 20+ White-throats 2000 Crows
 20+ House Finches 8-10 Jays
 15-20 C. Waxwings 20+ Grackles
 5-8 Bluebirds 100+ Starlings
 20+ Robins 5-6 House Sps.
 10-15 Cardinals 4 Goldfinches
 4 Mockers 2 Chickadees
 1 Pil. Woodpecker 4 Titmice
 3-4 Flickers 2 Nuthatches
 2 Red-bellies 2 Fish Crows
 2 Downys 1 Y.b. Sapsucker

11-19-82 Fri. 44° -

Overcast; wind NE, 5-10 mph.
 brief, light drizzle 10:30 A.M., then
 again 2:15 P.M.

Juncos Doves
 White-throats Crows
 C. Waxwings Jays
 House Finches 100+ Grackles
 Bluebirds 500+ Starlings
 Purple Finches House Sps.
 Robins Goldfinches
 Cardinals Chickadees
 Mockers Titmice
 Pil. Woodpecker Nuthatches
 Flickers Sharp-shin {2:00 P.M. }
 Red-bellies Towhee
 Downys

11-20-82 Sat. 49° -

Overcast; wind light & variable,
 mostly NE.
 Light drizzle about 8:30 A.M.

Juncos	Doves
White-throats(s)	Crows
Purple Finches	Jays
House Finches	Grackles
C. Waxwings	Starlings
Bluebirds	House Sps.
✓ 2-3 Yellow-r. Ws.	Goldfinches
Robins	Chickadees
Cardinals	Titmice
Mockers	Nuthatches
Pil. Woodpecker	1 TV
Flickers	✓ 1 y.b. Sapsucker ^{Imm}
Red-bellied	✓ 1 Fish Crow
Downys	

11-21-82 Sat. 52° -

Dense fog; calm early;
fog lifting by 9:30 A.M.

Juncos	Doves
White-throats	Crows
Purple Finches	Jays
House Finches	8 Red-wings
C. Waxwings	Grackles
Bluebirds	Starlings
Yellow-r. Ws.	House Sps.
✓ Towhees	Goldfinches
Robins	Chickadees
Cardinals	Titmice
Mockers	Nuthatches
Pil. Woodpecker	✓ 1 Fish Crow
Flickers	
Red-bellied	
Downys	

11-22-82 Mon. 53° -

Light fog; calm early; overcast
much of day; occ sun;
light drizzle beg. 4:20 P.M.

8-10 Juncos 30-40 Doves
 14-20 White-Throats 10-12 Crows
 20+ House Finches 8-10 Jays
 5-6 Purple Finches 30+ Grackles
 15+ C. Waxwings ✓ 2 Fish Crows
 40+ Robins 200+ Starlings
 10-15 Cardinals 8-12 Red-wings
 3-4 Mockers 5-6 House Sps.
 1-2 Pil. Woodpeckers 3-4 Goldfinches
 2-3 Flickers 2 Chickadees
 2 Red-bellies 4 Titmice
 2 Downys (9) 2 Nuthatches
 3-5 Bluebirds (7) 1 C. Wren (3)
 ✓ 1 Towhee ✓ 2 Yellow-r. Ws.

11-23-82 Tues. 49° -

Light fog; few high, hazy clouds in SE;

Juncos Doves
 White-throats Crows
 House Finches Jays
 Purple Finches Grackles
 C. Waxwings Red-wings
 Bluebirds Starlings
 Yellow-r. Ws. House Sps.
 Robins Goldfinches
 Cardinals Chickadees
 Mockers Titmice
 Pil. Woodpecker Nuthatches (9)
 Flickers ✓ 2 C. Wrens (28)
 Red-bellies TV
 Downys H? Herring Gulls
 ✓ Gulls calling in distance

11-24-82 Wed. 59° -
 Light shower began
 4:30 A.M.; wind NE 10-25
 mph.

Juncos	Doves
White-throats (5)	Crows
Towhees	Jays
House Finches	Grackles
C. Waxwings	Red-wing
Robins	Starlings
Cardinals	House Sps.
✓ 6-8 Mockers ↓	Goldfinches
Pil. Woodpecker	Chickadees
Flickers	Titmice
Red-bellies	Nuthatches
Downys	

✓ all day - 3-4 at a time in
 spirited battles around

Am. Holly tree

11-25-82 Thurs. 30° - 11
 Thanksgiving Day!
 Cloudless & calm early;

8-10 Juncos	30-40 Doves
20+ White-throats	10-12 Crows
30+ House Finches	6-8 Jays
15+ C. Waxwings	4-6 Grackles
3-4 Bluebirds	30+ Starlings
20+ Robins	5-6 House Sps.
12-15 Cardinals	4 Goldfinches
4-6 Mockers	2 Chickadees
1 Pil. Woodpecker	4 Nuthatches
2-3 Flickers	1 Red-shoulder
2 Red-bellies	1 TV
2 Downys	5 Titmice
	1 Sharp-shin
15 Rock Doves	(in yard - 4:20)

11-26-82 Fri, 37°

Cloudless early; very
light, variable breeze;

Juncos Δ	Doves Δ
White-throats Δ	Crows
House Finches Δ	5 Fish Crow
C. Waxwings	Jays Δ
Bluebirds	Grackles
Robins	Red-wings
Cardinals Δ	Starlings
Mockers Δ	House Sp. Δ
Pil. Woodpecker	Goldfinches
Chickadees	Chickadees Δ
Red-bellies Δ	Titmice Δ
Downys Δ	Nuthatches
Joncree	Δ

11-27-82 Sat, 43 -

Cloudy; wind N, 5-10 mph.
- mostly sunny in aft.

5-6 Juncos	30-40 Doves
20+ White-throats	8-12 Crows
30+ House Finches	11-12 Jays (1 Δ)
5-10 C. Waxwings	2-3 Grackles
5-6 Bluebirds	8 Red-wings
10-15 Robins	20 Starlings
15+ Cardinals	5-6 House Sps.
4-5 Mockers	8 Goldfinches
1 Pil. Woodpecker	2 Chickadees
2-3 Flickers	5-6 Titmice
2 Red-bellies	2 Nuthatches
2-3 Downys	3 TVs (4 Δ)
	5-6 Joncree
	7:20 AM
	(*) 1 Red-shoulder

✓ Waxwings going to roost
in Chinese Holly by
garage door - first time.

11-28-82 Sun. 32° -
Light drizzle began early
A.M. - continuing -

Juncos	Doves
White-throats	Crows
House Finches	Jays
C. Waxwings	House Sp.
Robins	? Song Sp.
Cardinals	Goldfinches
Mockers	Chickadees
Titmice	Titmice
Red-bellies	Nuthatches

Downys ⊗ Red-shoulder
1 Bluebird

11-29-82 Mon. 43° -

Rain ended some time after
midnight - Total = 2.1" rain
overcast early, then cloudless
by 10:00 A.M. ^{all} wind SW, 5-15
mph. - then shifting to NE,
with clouds, in aft.

5-6 Juncos	³⁰⁻⁴⁰ Doves
20-4 White-throats	8-10 Crows
8-12 C. Waxwings	✓ 1 Fish Crow
20-30 House Finches	⁶⁻¹⁰ Jays
3-4 Bluebirds	³⁰⁻⁴⁰ Starlings
1 Robin	5-6 House Sp.
15+ Cardinals	4-5 Goldfinches
3-5 Mockers	5 Chickadees
1-4 Flickers	5 Titmice
2 Red-bellies	2 Nuthatches

2 Downys ~~Red-shoulder~~
 45 Purple Finches / Sharp-shin 7:00
 150+ C. Geese ^{SW-SE} at feedlot M
 low, 4:30 PM 33 Grackles
 20 Red-birds

11-30-82 Tues. 45° -
 dirtwally cloudless; occ. light,
 variable winds; partly
 cloudy in aft.;

James	Doves
White-throats	Crows
C. Waxwings	Jays
Purple Finches	Grackles
House Finches	Starlings
Chickadees	House Sps
1-2 Robin	C. Wren (1)

Cardinals	Goldfinches
Mockers	Chickadees
Pil. Woodpecker	Titmouse
Flickers	Nuthatches
Red-bellies	Red-shoulder
Downys	Towhees

{ after 5 weeks, Heidi's cast
 came off this afternoon
 (right arm) - she is happy!

12-1-82 Wed. 50° -
 Full Blue Moon!
 Rain began 6:00 A.M. - ended
 about 1:30 P.M. Total = 0.7"

3-4 Juncos	30-40 Doves
20+ White-throats	8-10 Crows
2-4 Purple Finches	6-8 Jays
20-30 House Finches	30+ Starlings
30+ C. Waxwings	5-6 House Sps.
2-3 Bluebirds	1 C. Wren (5)
* 1 Pine Siskin	4 Goldfinches
15+ Cardinals	2-3 Chickadees
3-4 Mockers	4-5 Titmice
2 Pil. Woodpecker	2 Nuthatches
3-4 Flickers	
2 Red-bellies	
1 Downy	

12-2-82 Thurs. 52°
 Dense fog; calm; fog
 clearing by 9:00 A.M. - heavy
 overcast all day.

Juncos	Doves
White-throats (5)	Crows
Purple Finches	Jays
House Finches	Starlings
C. Waxwings	House Sps.
Bluebirds	C. Wren (5)
Pine Siskin	Goldfinches
Cardinals (5)	Chickadees
Mockers	Titmice
Pil. Woodpecker	Nuthatches
Flickers ✓	<u>Bob-white</u> (5)
Red-bellies	Meadowlark
Downy ✓	<u>2 Kingfisher</u>
Robin	

12-3-82 Fri. 55°
 Fog; mist early; then
 sunny.

Temp. ^{broke} had 109 yr record for this
 date - here

Claire reports 30-40 Crows
in Cobb's field at Buddock &
Colch.

Juncos	Doves
White-throats (5)	Crows
Purple Finches	Jays
House "	Starlings
C. Waxwings	House Sps.
Bluebirds	Goldfinches
1-2 Robins	Chickadees
Cardinals (5)	Titmice
Mockers	Nuthatches
Red. Woodpecker	Kingfishers
Flickers	Red-shoulder
Red-bellies	
Downys	

12-4-82 Sat. 60° -

Overcast; clearing by 10:00
A.M.; wind 5, 2-10 mph.

Temp. record broken again
today -

Juncos	Doves
White-throats	Crows
House Finches	Jays
Purple Finches	Starlings
C. Waxwings	House Sps.
✓ Golden-cr. Kinglet	C. Wren (5)
Robins	Goldfinches
Cardinals	Chickadees
Mockers	Titmice
Red. Woodpecker	Nuthatches
Flickers	C. Geese (local)
Red-bellies	7 Kingfishers
Downys	Red-shoulder
Bluebirds	6-8 Gulls (Cip?)
Low her	major dig. (5)
Yellow-r. W.	Macdonald (5)

12-5-82 Sun. 61°

Overcast (about 2 min. of
sun at sun-up); wind
SSW, 10-20 mph.

200+ Herring Gulls ¹ 80-100 Doves
4-5 Juncos 10-12 Crows
20+ White-throats 8-10 Jays
3-4 Purple Finches 20+ Starlings
20+ House Finches 6-8 House Sps.
15-20 C. Waxwings 1 C. Wren (5)
2-4 Bluebirds 4 Goldfinches
2-3 Robins 2-3 Chickadees
15-20 Cardinals 5 Titmice
4 Mockers 2 Nuthatches
1 Pil. Woodpecker ¹⁵⁻²⁰ Yellow-r. Ws.
2-3 Flickers

2 Red-bellies

3 Downys

✓ 100+ H. Gulls to W. Ok. Rd.

Landing about 7:30 A.M. -
then a scattering of small
flocks all morning.

12-6-82 Mon. 67° -

Partly cloudy most of day;
occ. light variable breezes -

Absolutely spectacular,
sun + after-glow!!

* 2-3 Eve. Grosbeaks ^{50' high 30-40}
[7:30 A.M. Doves]

1 Towhee

8-12 Crows

4-6 Juncos

8-10 Jays

20+ White-throats 20+ Starlings

3-4 Purple Finches 6-10 House Sps

30+ House Finches	1 C. Wren (5)	4-6 Juncos	20-30 Doves
1 Towhee	4 Goldfinches	20+ White-throats	8-12 Crows
6 Bluebirds	3 Chickadees	30+ House Finches	2 Fish Crows
✓ 1 Golden-cr. Kinglet	5 Titmice	1 Towhee	8-10 Jays
1 Herring Gull	2 Nuthatches	15+ C. Waxwings	15-20 Starlings
2-3 Robins	✓ 1 Sharp-shin	2-3 Robins	6-10 House Sps.
10-20 Cardinals	✓ 1 Fish Crow	15-20 Cardinals	1 C. Wren (5)
4 Mockers	✓ 1 Yellow-r. W.	4 Mockers	4-5 Goldfinches
1 Pil. Woodpecker	20-30 C. Waxwings	2-3 Flickers	3 Chickadees
2-3 Flickers		2 Red-bellies	5 Titmice
2 Red-bellies		3 Downys	2 Nuthatches
2 Downys			

12-7-82 Tues. 41° -
 Sunny all day; wind NW
 in P.M. 5-15 mph
 Glorious day -

Note: at about 3:30 P.M.,
 perhaps 2-3000 Gulls at
 W. Ex Road Landfill.

12-9-82 Wed. 29°-

Cloudless + calm early;
occ. breezes in aft.

Great day!

3-4 Purple Finches 30-40 Doves

3-5 Juncos 8-12 Crows

20+ White-throats 6-10 Jays

30+ House Finches 2 Red-wings

20+ C. Waxwings 20+ Starlings

4 Bluebirds 6-10 House Sps.

15-20 Cardinals 1 C. Wren

4 Mockers 4 Goldfinches

1 Pil. Woodpecker 2-3 Chickadees

1-3 Flickers 5 Titmice

2 Red-bellies 2 Nuthatches

3 Downys 4 Herring Gulls

(X) 1 Red-shoulder

(X) 1 Sharp-shin

12-9-82 Thurs. 32°-

Overcast; then clearing +
beautiful, but a cold N
wind, 10-15 mph.

4-5 Purple Finches

Juncos

White-throats

House Finches

Ion Bee

C. Waxwings

Bluebirds

Cardinals

Mockers

Flickers

Red-bellies

Doves

Crows

Jays

Starlings

House Sps.

Goldfinches

Chickadees

Titmice

Nuthatches

3 Downys

12-10-82 Fri. 44°
Cloudless, calm, cold.
Rain began in night -
continuing

1 Eve. Grosbeak ^{♀ in yard} Doves
Purple Finches Crows
Juncos Jays
White-throats Starlings
House Finches House Sp.
C. Waxwings Goldfinches
Bluebirds Chickadees
Cardinals Titmice
Mockers Chickadees
Flickers Titmice
Red-bellies Nuthatches
Downys ^(*) Sharp-shin

1 Towhee
✓ 200 + Crows in Cobble
field at Braddock +
Colechester

12-11-82 Sat. 36°
Light rain continuing;
ending about 3:00 P.M. -

3-4 Purple Finches 30-40 Doves 10-12
3-4 Juncos Δ 10-12 Crows Δ
20+ White-throats 8-12 Jays Δ
20+ House Finches ✓ 1 Cowbird (5)
12-15 C. Waxwings Δ 10-15 Starlings
15-20 Cardinals Δ 6-10 House Sp.
4 Mockers Δ 1 C. Wren
2-3 Flickers 5 Goldfinches

2 Red-bellies ^Δ 3 Chickadees ^Δ
 3 Downys ^Δ 5 Titmice ^Δ
 2 Nuthatches
2 Towhees (♂ Δ)

12-12-82 Sun. 24°-

Snow began sometime
 after 1:30 A.M. - about
 5" by 9:00 A.M. - blowing
 snow continuing, swirling
 in 1/3 length of garage - ending
 about 10:00 A.M. - then cloudless
 - bright sun - some thawing.

Juncos Doves
 White-throats (5) Crows
 House Finches Jays
 C. Waxwings 6 Red-wings

Purple Finches
 Robin
 Cardinals
 Mockers
 Flickers
 Red-bellies
 Downys
 Towhees (♂ Δ)

Starlings
 House Sps.
 Goldfinches
 Chickadees
 Titmice
 Nuthatches
 1 Cowbird ♂ (3)

12-13-82 Mon. 14°-

Cloudless & calm early;

Juncos
 White-throats
 House Finches

Doves
 Crows
 Jays

2 Towhees ^{♂ & ♀}

C. Waxwings

Cardinals

Mockers

Flickers

Red-bellies

Downys

2 Cardinals ^(♂ & ♀)

Starlings

House Sps.

Goldfinches

Chickadees

Titmice

Nuthatches

2-3 Flickers 2-3 Chickadees ^Δ

20+ Cardinals ^Δ 5 Titmice ^Δ

1/2 Red-bellies ^Δ 2 Nuthatches

2-3 Downys ^Δ 1 Red-shoulder ^{2X}

1 Grackle ^Δ

12-15-82 Wed. 27° -

Cloudy & calm early;

12-14-82 Tues 14° -

Cloudless & calm;
scattered small clouds

in aft., but calm.
Glorious day!

3-4 Juncos

30+ Doves ¹²⁰

20+ White-throats 8-10 Crows

20+ House Finches 12-15 Jays ¹⁰⁰

15+ C. Waxwings ^(♂ & ♀) 5-6 Starlings

2 Towhees ^(♂ & ♀) 8-10 House Sps.

4 Mockers 6 Goldfinches

Juncos

White-throats

House Finches

C. Waxwings

Towhees ^(♂ & ♀)

Purple Finch ^{♂ & ♀}

Cardinals

Mockers

Doves

Crows

Jays

Starlings

House Sps.

Goldfinches

Chickadees

Titmice

Pil. Woodpecker Nuthatches
 Flickers + Red-shoulders
 Red-bellies
 Downys

Flicker Chickadees
 Red-bellies Titmice
 Downys Nuthatches
 ✓ Yellow-r. W. 3 TVs

12-16-82 Thurs. - 58° -
 Drizzle continued thru night
 - hard showers about 6:00 -
 7:00^{AM}; ending and partial
 clearing by 9:00 A.M. -

12-17-82 Fri. 40° -
 Overcast; bit of sun by
 11:00 A.M. - clear in aft. -
 wind N, 10-25 mph. all day.

TOTAL RAIN = 1.0"
 By 11:00 A.M. - wind WNW, 10-25 mph
 - gusty

Juncos Doves
 White-throats Crows
 House Finches Jays
 C. Waxwings Cowbird
 Towhees Starlings
 Cardinals House Sps.
 Mockers Goldfinches

3-5 Juncos Doves
 20⁺ White-throats Crows
 30⁺ House Finches 12-15 Jays
 15-20⁺ C. Waxwings Starlings
 20⁺ Cardinals House Sps.
 4 Mockers Goldfinches
 3-5 Flickers Chickadees
 2 Red-bellies Titmice

3 Downys 2 Nuthatches
 ✓ 1 Yellow-r. W. 4 Herring Gulls

12-18-82 Sat. 20° - 37°
 Cloudless & calm; occ.
 light breeze;

1 Yellow-r. W. 30-40 Doves
 1 Bluebird 6-10 Crows
 1 Towhee 12-15 Jays
 3-5 Juncos 3-4 Starlings
 20+ White-throats 6-10 House Sps.
 12-15 C. Waxwings 6 Goldfinches
 30+ House Finches 2-3 Chickadees
 3-4 Purple Finches 5 Titmice
 20+ Cardinals 2 Nuthatches
 4 Mockers
 2-3 Flickers

CHRISTMAS COUNT DAY.¹

Red-bellies
 Downys

12-19-82 Sun. 18° -

Partly cloudy & calm;
 then overcast; snow began
 about 1:30 - sticking on
 drive about 2:00 P.M.

2 Towhees ♂ 30-40 Doves
 ✓ 1 E. Grosbeak ♀ 6-10 Crows
 3-5 Juncos 12-15 Jays
 20+ White-throats 3-4 Starlings
 12-15 House Finches 6-10 House Sps.
 ✓ 3-4 Purple Finches 6 Goldfinches
 12-15 C. Waxwings 2-3 Chickadees
 1 Bluebird 5 Titmice
 20+ Cardinals 2 Nuthatches
 4 Mockers (*) 1 Red-shoulder

2-3 Flickers
2 Red-bellies
3 Downys

12-20-82 Mon. 18° -
overcast; mostly cloudy much
of day; wind N, 5-15 mph. in
aft.

Juncos
White-throats
House Finches
C. Waxwings
Cardinals
Mockers
Flickers
Red-bellies
Downys

Doves
Crows
Jays
Starlings
House Sps.
8 Goldfinches
Chickadees
Titmice
Nuthatches

Away 8:30 A.M. - 11:05 A.M.
- Fairfax Hosp. + groc. shopping

Wednesday, December 29, 1982 / B5



SKYWATCH

One of an occasional series to keep
you looking up, with information
from the U.S. Naval Observatory.

Set your clock for 4:50 tomorrow
morning and gaze westward if you
want to catch a total lunar eclipse
that astronomers predict will be
spectacularly colorful. (If you're

1-2 Downys
4-5 Herring Gulls

Northatches
Juncos

Winter Solstice - 12:39 PM

Wednesday, December 29, 1982 / B5



SKYWATCH

One of an occasional series to keep you looking up, with information from the U.S. Naval Observatory.

Set your clock for 4:50 tomorrow morning and gaze westward if you want to catch a total lunar eclipse that astronomers predict will be spectacularly colorful. (If you're tempted to sleep through it, be aware that the next TLE won't be visible here until 1989.) The lunar light show begins at 4:50 a.m. EST when the moon will begin to enter full shadow. "Totality"—as the scientists say—will begin at 5:58 EST and will last until 6:59 EST. The moon will leave the shadow of the Earth at 8:07 a.m., but since it will set here at 7:35 a.m. EST, the final stages won't be visible in this area.

The moon never completely disappears during a TLE because the sun's rays bend and refract as they pass through the Earth's atmosphere. This causes the moon to appear variously colored. The colors could be particularly spectacular this year, as the result of volcanic ash in the atmosphere, courtesy of Mount St. Helens in Washington State, El Chichon in Mexico and perhaps Galunggung in Indonesia.

for Keyboard.

happen to be older (average age, 35 compared to 26 for the other two magazines). Almost half the GP and Keyboard readers are "people struggling to make careers in music."

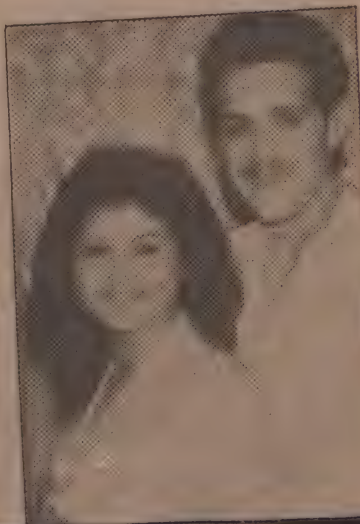
When he first came to GP as an assistant editor in 1970, Crockett spent a year learning how to play guitar "so that I knew something about the mechanics involved. And I spent five years reading every available book about the guitar—history, performance, maintenance. I'm probably one of the world's truly great authorities on the instrument . . . but God forbid you should put one in my hands."

acements

Married tsinger

Elmira, N.Y.,
e marriage of
rt Charles Ar-
Argetsinger of
e yesterday in
re the bride's

munity College,
L. Warner, of
rner, Washing-
Her father is
in Elmira and
rt Museum.



2-3 Flickers
2 Red-bellies
3 Downys

12-20-82 Mon. 13° -
overcast; mostly cloudy much
of day; wind N, 5-15 mph. in
aft.

Juncos	Doves
White-throats	Crows
House Finches	Jays
C. Waxwings	Starlings
Cardinals	House Sps.
Mockers	8 Goldfinches
Flickers	Chickadees
Red-bellies	Titmice
Downys	Nuthatches

Away 8:30 A.M. - 11:05 A.M.
- Fairfax Hosp. + spec. shopping

12-21-82 Tues. 34° -

Sue and Rachel are
due ~~today~~ today!!

Partly cloudy all day;
wind N, 5-15 mph.

They are here - 6:15 P.M.!!

Purple Finches	Doves
Juncos	Crows
White-throats	Jays
House Finches	Red-wings
C. Waxwings	Starlings
Cardinals	House Sps.
Mockers	Goldfinches
Flickers	Chickadees
Red-bellies	Titmice
Downys	Nuthatches
4-5 Herring Gulls	3-4 Tree

Winter Solstice - 12/21/82
PM

12-22-82 Wed. 30° -

Cloudless & calm; few wispy
clouds after 4:30 P.M.

Yellow-r. W.	Doves (8)
Juncos	Crows
White-throats	Jays
Purple Finches 200	Starlings
House Finches	House Sps.
C. Waxwings	1 C. Wren (s)
Cardinals	Goldfinches
Mockers	Chickadees (5)
Pil. Woodpecker	Titmice
Flickers	Nuthatches
Red-bellied	<u>Purple Finches</u> 4
Downys	

12-23-82 - Thurs. 38° -

Light drizzle began 7:00 A.M. -
interm. to 8:30 A.M.

Juncos	Doves
White-throats	Crows
Purple Finches	Fish Crow
House Finches	Jays
C. Waxwings	Starlings
Cardinals	House Sps.
Mockers	Goldfinches
12 Pil. Woodpeckers	Chickadees
Flickers	Titmice
Red-bellied	Nuthatches
Downys	Red-shoulder
1 Bluebird	Towhees

12-24-82 Fri. 36° -
Cloudless + calm;

3-4 Bluebirds	Doves
Towhees	Crows
Purple Finches	Jays
Juncos	Starlings
White-throats	House Sps.
House Finches	C. Wren (5)
30+ C. Waxwings	Goldfinches
Cardinals	Chickadees
Mockers	Titmice
Pil. Woodpecker	2 Nuthatches ¹⁰
Flickers	1 Sharp-shin
Red-bellies	(7:00 A.M. in D)
Downys	1 Red-shoulder

12-25-82 Sat. 55° -
Christmas Day with
Sue + Rachel here!
Sunny early; overcast by
10:00 A.M.; Wind S, 10-25 mph

Purple Finches	Doves (3)
Juncos	Crows
White-throats	Jays
House Finches	Starlings
C. Waxwings	House Sps.
Cardinals	C. Wren (5)
Mockers	Goldfinches
Pil. Woodpecker	Chickadees
Flickers	Titmice
Red-bellies	Nuthatches
Downys	Herring Gulls

12-26-82 Sun. 56° -

Cloudy; light showers last night (trace of rain)

12-27-82 Mon. 47° -

Sue leaves today - left at 10:00 A.M.

Drizzle began before dawn - cont. to 8:00-8:30. Then overcast - occ. faint sun. - total = 0.1".

1 Towhee	Doves (5)
Bluebirds	Crows
Purple Finches	Jays
Juncos (5)	Starlings
White-throats (5)	House Sps.
House Finches	C. Wren (6)
Cardinals	Goldfinches
Mockers	Chickadees
Pil. Woodpecker	Titmice
Flickers	Nuthatches
Red-bellies	2 Red-shoulders
Downys	3 Herring Gulls
Golden-cr. Kinglet	Sharp-shin
C. Wren	

1 Towhee	Doves 45-50
Purple Finches	Crows 45-50
Juncos	Jays
White-throats (5)	Starlings
House Finches	House Sps.
C. Waxwings	C. Wren (6)
Cardinals	Goldfinches
Mockers	Chickadees
2 Pil. Woodpeckers	Titmice
Flickers	Nuthatches
Red-bellies	2 Red-shoulders

3 Downys 1 Sharp-shin

3 Downys ? Sharp-shin
1 Fish Crow Herring Gulls

12-28-82 Tues. 48°-

Dense fog, lifting by about
10:00 A.M., then heavy clouds -
occ. bit of sun; wind in aft.,
S, 10-30 mph.

Juncos	Doves
White-throats	Crows
House Finches	Jays
Towhees	Starlings
C. Waxwings	House Sps.
Cardinals	C. Wren
Mockers	Goldfinches
2 Pil. Woodpeckers	Chickadees
Flickers	Titmice
Red-bellies	Northstars

12-29-82 Wed. 54°-

overcast; occ. sun; wind S,
5-15 mph.

Yellow-r. Ws.	Doves
Purple Finches	Crows
Juncos	Jays
White-throats	Starlings
House Finches	House Sps.
C. Waxwings	Goldfinches
2 Bluebirds	Chickadees
Cardinals	Titmice
Mockers	Northstars
2 Pil. Woodpeckers	H. Gulls

Red-bellies Towhee
Downys

12-30-52 Thurs. 28°
overcast all day, with occ.
bit of sun; occ. light,
variable breezes.

Principle

2 Eve. Grosbeaks	7-12 Doves
1 Towhee	10-12 Crows
4-5 Juncos	12-15 Jays
20+ White-throats	20 Starlings
15 C. Waxwings	8-10 House Sps.
30+ House Finches	5-6 Goldfinches
2-3 Bluebirds	3 Chickadees
2-3 Purple Finches	5 Titmice
20-30 Cardinals	2 Nuthatches
4 Mockers	* 1 Sharp-shin
2 Pil. Woodpeckers	in yard

3:50 PM.

FULL MOON - 12-30-52

Rachel leaves today on 9:00
a.m. bus for Roanoke;

12-31-82 Fri. 26° -
overcast;

V 3 Eve. Grosbeaks ^{3 & 4}

2-3 Purple Finches

Juncos

White-throats

House Finches

C. Waxwings

2-3 Bluebirds

20+ Cardinals

4 Mockers

2 Pil. Woodpeckers

Flickers

Red-bellies

Downys

Doves [5]

Crows

Jays

Starlings

House Sps.

Goldfinches

Chickadees

Titmice

Nuthatches

1-1-83 Sat.

Overcast early; then mostly
sunny - alternating;

Joncree

Juncos

White-throats

House Finches

C. Waxwings

Bluebirds

Cardinals

Mockers

1-2 Pil. Woodpeckers

Flickers

Red-bellies

Downys

Doves (5)

Crows

Jays

Starlings

House Sps.

Goldfinches

Chickadees

Titmice

Nuthatches

Red-shoulder

1-2-83 Sun. 30° -

Overcast; occ. peak of sun;

Purple Finches
Juncos
White-throats
House Finches
Towhees
C. W. Waxwings
Cardinals
Mockers

2 Pileated Woodpeckers
2 Nuthatches
2 Red-shoulders
Herring Gulls
Downys

Doves (3)
Crows
Jays
Starlings
House Sps.
Goldfinches
Chickadees
Titmice

Heidi caught a mole in
the A this afternoon, but
it got back into its burrow.

1-3-83 Mon. 34° -

Few scattered clouds early;
wind S, 10-15 mph; cloudless
and almost calm in afternoon.

12 Purple Finches 10-15 Doves
3-5 Juncos 10-12 Crows
20+ White-throats 1 Fish Crow
30+ House Finches 12-15 Jays
15-20 C. Waxwings 8-10 Starlings
1 Bluebird & A 8-10 House Sps.
20+ Cardinals 4-6 Goldfinches
4 Mockers 3 Chickadees
2 Pil. Woodpeckers 5 Titmice
12 Flickers 2 Nuthatches
2 Red-bellies 1 Red-shoulder
3 Downys

1-4-82 Tues. 230-

Cloudless,

1-5-82 wed. 32°-

Light, freezing rain began
before 7:00 A.M.

Juncos

White-throats

House Finches

C. Waxwings

Cardinals

Mockers

Red. Woodpeckers

1-2 Flickers

Red-bellied

Downys

Doves

Crows

Jays

Starlings

House Sps.

Goldfinches

Chickadees

Titmice

Nuthatches

Red-shoulder

1 H. Gulls

~~X~~ Medication sent
My brain Aske w from
here - w!

7-6-82 Thurs. 30° -

Partly cloudy;

↓
Delandem.
Discontinued
after 18 or 24
hrs. Back to
Warocet

Doves (5- every
day
(etc.)

Juncos
White-throats
House Finches
C. Waxwings
Cardinals
Mockers
Pil. Woodpeckers
? Flickers
Red-bellies
Downys

A bad day! "Disease is
progressing" - "no point in contin-
uing present chemo" - "no promise

from more involved chemo, and,
may produce bad side-effects -
"very anemic - start transfu-
sions tomorrow."

53°

7-7-82 Fri. 23° -

{ Away 8:50 A.M. to 3:30 P.M. -
Fairfax Hosp. Outpatient for blood
transfusion

53°

7-8-82 Sat. 35° -

Mostly sunny to aft., then
mostly cloudy. Dec. breeze.
Nice day

Junco Δ	Doves ⁽⁵⁾ Δ
White-throats Δ	Crows 2 Δ
House Finches Δ	Jays Δ
20+ C. Waxwings Δ	Starlings
Cardinals	House Sps. Δ
Mockers	Goldfinches Δ
? Flickers	Chickadees Δ
Red-bellies	Titmice Δ
Downys	Nuthatches
	Red-shoulder
	1 TV

Jan 9-82 Sun. 35° -
Heavy overcast; occ. bit of sun;

2 Towhees ^{9A} _{2K}	Doves
Junco	Crows
White-throats	Jays
House Finches 5	Fish Crows
C. Waxwings	Starlings
Cardinals	House Sps.
Mockers	Goldfinches
2 Red-bellies	Chickadees
3 Downys	Titmice
	Nuthatches
	Red-shoulder
	Herring Gulls

Jan 10-82 Mon. 40° -
Light showers began last night, continuing; brisk at times.

Juncos
 White-throats
 Purple Finches
 House Finches
 C. Waxwings
 Cardinals
 Mockers
 Red-bellies
 ✓ 4 Downys ^{in maple} 1 Red-shoulder
 (3 Δ)

Doves
 Crows
 Jays
 Starlings
 House Sps.
 Goldfinches
 Chickadees
 Nuthatches

all of every-day birds,
plus one ~~F~~ Red-shoulder.

^{Jan 12}
 12-12-82 Wed. 39° -
 Mostly sunny, but wind
 NNE, 15-40 mph. (gusty) until
 late aft.; then abating.
 All of every-day birds,
 plus one F.V.
 1 Starling Δ!

^{Jan 11}
 2-11-82 Tues. 45° -
 Light, intermittent showers
 & spatters cont. to about
 3:30 P.M. Total = 0.7"
 Sun out in late aft.; a
 glorious day then

^{Jan 13}
 12-13-82 Thurs. 24° -
 Cloudless;

^{Jan 14}
 12-14-82 Fri. 25-45° -
 Blue & Transp

1-15-82 Sat. 32°

overcast; few falling flakes of
snow at 3:20 P.M.

4-15. Gulls; 1 Sharp-shin;
TV; 1 Bluebird (♀) at bird-bath (4)

1-16-82 Sun. 32°

1-17-82 Mon. 26°

Lucas and Rachel arrived!
So great! About 6:50 P.M.

Bluebirds, etc.

1-18-83 Tues. 20°

TV, etc.

1-19-83 Wed. 19°

Wind - 1 Carolina Wren in
Ch. Holly - first here in

W. W. W.

1-20-83 Thurs. 15°

Cloudless; wind NNW 5-20
m.p.h.

wheelchair
1-21-83

1 Towhee (♂ Δ); 1 TV

1-21-83 Fri.

Cloudless;

Great Horned Owl
in yard 7:20 AM
calling for 10 min -
today & so - Tue

Towhee, plus "daisies" juv.

1-21-83 Sat. 26°

Overcast all day;

juv!

Light snow began 2:30-3 PM

12-14+ Goldfinches in triangle
plus daisies

1-23-83 ^{Sun} ^{high = 34°}
about .7 inches of rain til
4:30

50-60 cedar waxwings
plus dailies
9PM gray fox at 3 ^{high} years

1-24-83 ^{Sun} ^{high = 49°} - Dulles

~~1-25-83~~ ^{Sun} ^{33°} - more

~~1-26-83~~ ^{Sun} ^{36°} - more
~~2-3-83~~ ^{124/64} ~~99-84~~ - Nurse

Xini

Jim said to add Xini
Sun 2-8-83 Tues
845 AM

2-14-83

Snow piled high
on boxwood etc & sides
of driveway.

Towhee 10 Cardinals (can)
20 White Thr. 1 Starling (can)
Titmouse Goldfinches
Juncos House finches
Mockers Downy

2-26 Sat Cold

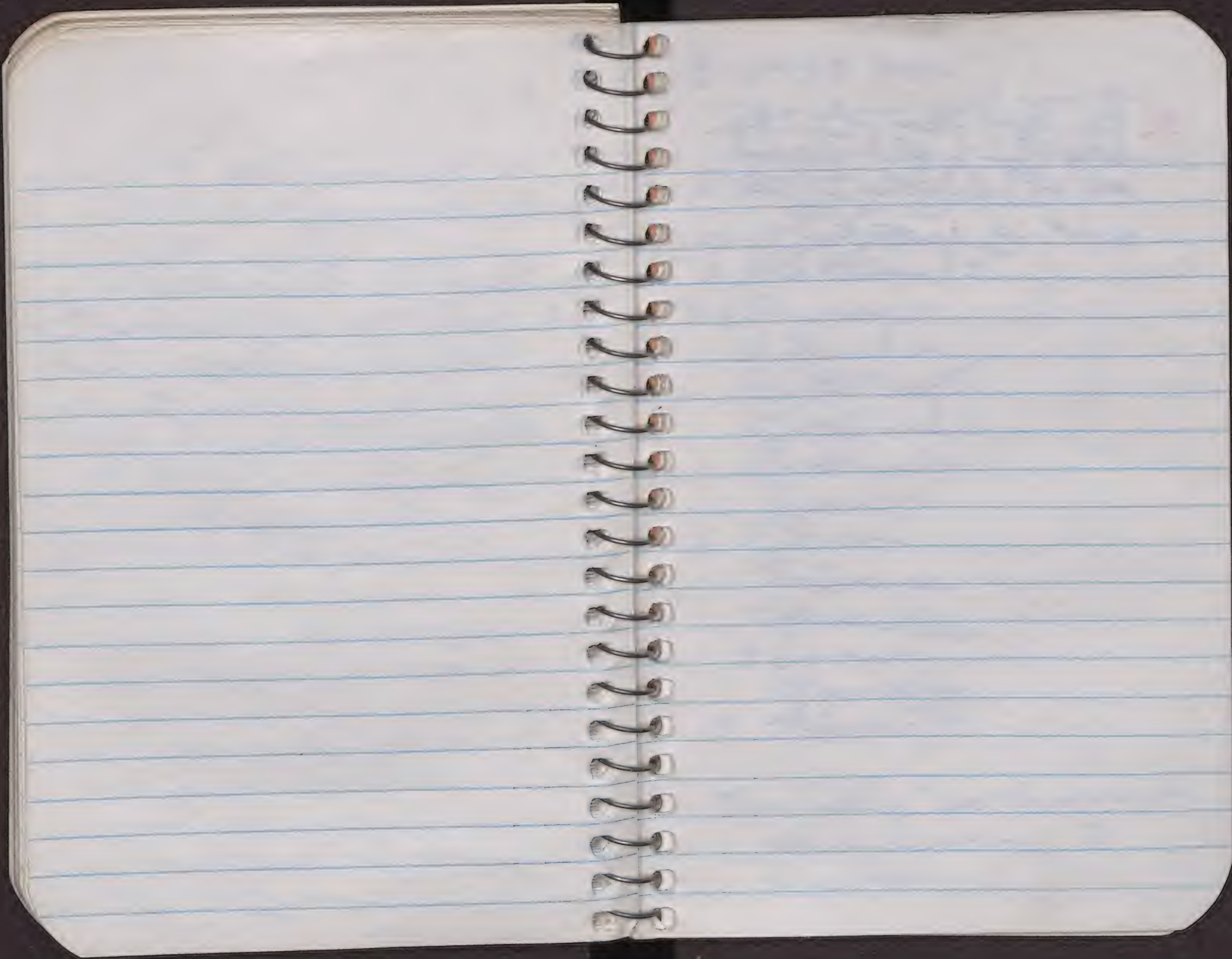
Towhee
usual dailies

My dearly beloved -
I'll keep trying to
get a good list. I am
feeding our birds well.
6-4-83 I miss you
Tessie

2-14-83
Some more things
to be done the summer
of 1983.

Things to be done
in 1983. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.



* the bird may have been here (Jim would hear or see it) but this is the first I saw it.

3-11-83 Fri

no sun all week

Every thing wet!

Daffodils 6 & 8" no bloom yet
all in Δ (bins)

12-15 Jays

2 Red Bellies ♀♂

2+ Downy

4 Finches

White Throats

Goldfinches

Cardinals

Juncos

1 Dove

Ht mice

Chickadees

2 Crows

Grackles

2 Robins ♂♀

Thousands of earthworms on
drive all way to
mail box

3-12-83 Saturday

Windy
Sun: 9:30

Towhee ♀ ♂

White Throats

12+ Jays

6-8 Goldfinches

6 House finches

2-3 Downys

2 Redbelly ♀ ♂

12+ Cardinals

Doves

Crows

3-5 Eng Sparrows

Juncos

Telmees

Chickadees

Grackles

Cedar Wax wings

3-13-83

Still very windy
Many limbs blown
off trees. Sunny -

Cardinals

Jays

White Throats

H. Finches

Goldfinches

Telmees

Chickadee

3-4 Downy

Grackle

Juncos

2 Redbelly

2 Mockingbird

Crow

Dove

Grackles

Eng Sparrows

3-14-83 M/M

Up to 70° today (forecast)
Sunny til 2 - then overcast

goldfinches

grackles

Cardinals incl a bald one

Juncos

Jays

chickadee

White throats

2 Redbelly ♂ & ♀

Tit mice

* Song sparrow

6 Doves

House Finch

4 Eng sparrow

3 Downys

Towhee ♀

2 Bluebirds on wire

7

3-15-83

Winkley, O.
T.V.S.
Sunny, just right day! returned

Jays Birds on Δ + patio

12¹⁵ Cardinals

Goldfinches

White throats

House Finches

4 Doves

Robins

Tit mice

Chickadees

Eng sp

Grackles

Crows

Junco

Sharpshin?

Starlings flock
100

3-16-83

Sunny - Cool -

Squirrel at
water

Juncos

Cardinals

Grackles

Chickadees

Goldfinches

Doves

White Thr.

2 Song Sp.

Bluebird ♂ at water

3 Eng. sps.

8 Jays

2 Downys

Redbellies

House Finches

Titmice

Crows

Mockingbird

Robin

3-17-83

Overcast, cool

Cardinals

White Throats

Goldfinches

Grackles

Jays

Doves

House Finches

Song Sp.

Eng. "s"

2 Downy ♂ & ♀

* Purple Finch ♀

Crows

Sharpshin

Red bellies

3-18-83 Anne. here
Rained last night &
all day today. Power off
1 1/2 hr. 6:30-8

Flicker, front yard
Cardinals
Titmice
Chickadees
10? White Throats
Juncos
Housefinches
Eng Sps.
Doves
12+ Grackles
2-3 Downys
Starlings, flock in
Crows
6 Goldfinches
* White Crown ♀?
Red belly

3-19-83 Saturday

Rained off and on overnight
7:30 - some sun - Heidi made
Pretty clouds - Windy friends with
3 Chickadees Cornflakes!

Dove

Titmice

2 Red belly ♂ ♀

20 Cardinals one crestless

12 Jays

2 Downy

TV in

Grackles

12+ White Throats

4 goldfinches

House finches

Eng sps

Crows

1 Cowbird on tr.
limb

3-20-83 Sunday

7:30 AM Sunny - pleasantly cool
(no jacket)

grackles - Started
Jays cleaning
Cardinals R's terr.

Goldfinches
Dove

House sp
White throats

House Finches

Song sp

Downy

Chipping sp.?

Junco

Red belly

Should be
here:

Mocker

Bluebird

Fld sp.

Junco

Flicker

Robin

Crows

3-21-83

8:30 sun out

7: Rain again. Cold & balmy.
8 AM Humidly 84

12+ Jays
12 Cardinals

2 Juncos
12 White th

2 Eng sp

5 Goldfinches

12 House Finches

4 Titmouse

2 Chickadees

2 Downy

12 Grackles

12 Dove

2 Red belly 74

1st day of
Spring!

12 = more or
less

3-22-83 7 AM 40°-37°

| | |
|----------------|-------------------|
| Cardinals | 12 Cardinals |
| Goldfinches | 8 goldfinches |
| Doves | 3 Doves |
| 3 Titmouse | 23 Downys |
| Grackles | 5 Titmice |
| 12 Jays | 2 Chickadees |
| White thr | 15 Wh Thr |
| House finches | Jays |
| 2-4 Downy | * Purple F. ♂ & ♀ |
| 6 Eng. Sparrow | Eng. sp. |
| Chickadees | 2 Juncos |
| Song sp | 2 Song sp. |
| Juncos | 19 House Finches |
| | Red belly ♂ |
| | 1 Grackles |
| | Mockingbird |

3-24-83 aqi 35. 41°-30°

Thurs no sun

| | |
|----------------|-------------|
| Song sp. | Lunch + |
| Jays | Shops Patey |
| Doves | |
| Cardinals | |
| Goldfinches | |
| Juncos | |
| 7 Grackles | |
| Mockingb | |
| Downys | |
| House sparrow | |
| White Throats | |
| Titmice | |
| Chickadees | |
| fl. Starlings | |
| Downy | |
| Mockingbird | |
| Purple Finch ♀ | |

3-25-83 ^{W Post:} AQI 50
 40°
 Friday windy Temp 50° - 29°

Towhee &
 Eng sps
 Wk Thr.

"Anny" from
 Bell's Pump.
 Latin genus

Goldfinches
 Grackles
 Cardinals

Jays
 House Finches

Juncos
 Chickadees

Tat mice

Song sp

Downys
 Crow

Red belly
 Mockingbird

3-26-83 Sunny: 3-27-83
 Saturday Sunday
 AQI: 45° 50°
 54° - 29° Rain all day -
 Wind, too. AQI 30;
 55° - 41° Doves

Juncos
 Goldfinches
 Song sp
 Grackles
 Cardinals

Jays
 Chickadees

House finches

Tat mice

Doves

Red belly

White thr.

Eng sps

Mocker

Downys

Jays
 Chickadees

Tat mice

Goldfinches

House finches

Crows

Cardinals

Eng sps

Field sp.

Grackles

White thr

Mocker

Downys

Red belly

Juncos

3-28-83
Monday
AQI 25:57-45°
Rained all night
still raining

6 Goldfinches
4 Chickadees
4 Titmice
12 Cardinals
12 Doves
8+ White Thr
3 Downy ♂ & ♀
8+ House Finches
1 Song sp
6 Eng sps
Redbelly ♂
2 Jays

No Juncos

3-29-83
Sunny cool
AQI 35.5 4-38°

1 TV
6 Goldfinches
3 Titmice
4 Chickadee
4 Jays
Redbelly ♂ & ♀
4 Downy
6 White Thr
1 Mocker
12 Cardinals
6 House Finches
20 Grackle
Doves
Eng sps
Song sp

No Juncos

3-30-83
Wednesday
Sunny cool
AQI 35. 47-29°

Mocker
Cardinals 8
Doves
Goldfinches
White Thirts
Grackles
Jays
Redbelly ♂ & ♀
Chickadees
House Finches
Eng sps
Downy
2 Juncos
Crow
Titmice
House Finches

T.V

Song sps²

3-31-83 Thurs.
cast: cold.
Sun' later AQI 30
47-37°

Cardinals
Dove
Jays
Wh. Thr.
House finches
Goldfinches
Eng sps
Titmice
Grackles
Mocker
Chickadees
3 Downy
Crows
Redbelly ♂ & ♀
Juncos

April 1 - 1983
Friday
Sunny some wind
cool
air 30
64° - 34° F O.K.
Juncos

Chickadees
Titmouse
Cardinals
Jays
House Finches
50 Grackles
Goldfinches
Eng sp
Song sp
Red wing
Downy

Daffodils blooming

April 2 '83 air 30
Rain 54° - 40°

April 3, Air 40
Sunny O'cast
no rain
64° - 49°

April 2 & 3
Harrison
* L. 9:30 AM 4/2
on 3:30 PM 4/3
* ~~heavy rain~~

Apr 4 - 1983
Monday Sunny
60° - 45° Air 35

2 Juncos
Cardinals
12+ Jays
Grackles
8 Goldfinches
White throats
Doves
Red belly ♂
Purple ♀
Song sp.
3 Downy ♀ & ♂
Starlings
Chickadees
Titmouse
House Finches
Eng sps

Tues. '83
Apr. 5 '83
Rain again /
clearly
O'cast all day
air 30
57° - 44°

Cardinals
House finches
4 Downy *
Goldfinches
30 Grackles
Doves
20 Jays
White thro
Purple ♀
2 Juncos
Mocker
Red Belly ♂ & ♀
Chickadees
Titmouse
Eng sps
Song sp

* Fuzzy headed.
long thin bill

April 6 Anniversary
~~43rd~~
Rainy! Wed.
all day Air 30
53° - 49°

Grackles
Jays
Downy
House Finches
Cardinals
Goldfinches *
Doves
* Hairy
Whitethroats
Eng sps
Titmouse
Chickadees
Juncos
Red belly ♂

* getting yellow
er

4-7-83 Thurs
Raining again!
api 35° 57°-50°

4-8-83 Fri
still raining
api 25° 63-54°
2 deer-wood

Juncos
White Thr
Cardinals
7 Doves
6+ House Finches
Gold Finches
Red belly ♂ & ♀
x4 Downy
Jays
Grackles
Eng Sps
Titmouse
Chickadees

12+ House Finches
Chickadees
White Thro
Doves
Grackles
Cardinals
Eng Sps
Jays
Goldfinches
Juncos
2 Downys
Red belly ♂
Crows
100 Starlings

* also the
strange one

4-9-83 Sat. April 10-'83 Sund.
Still Raining Rained until 7AM
api 30° Sunny fr noon
59-48° some wind api 10°
61-45°

8 House Finches
12²⁰ Cardinals
Goldfinches
White Thro
Jays
3 Downys
House sps
Doves
Grackles
Robins
Hawk ^{young}

Goldfinches
Red bellies
Downys
House finches
White throats
Eng sps
Jays
Grackles
Chickadee

I was gone from
7:30 to 11 - my l.
eye was stinging
me all day -
rested a lot.

mon
April 11 '83

It rained

early a.m.
AQ 135 56-45

Sunny by 7

Purple 7 ♂

30 Cardinals

White Thr

Goldfinches**

2 Downys*

Doves

Jays

Chickadee

Robins

Grackles

House Finch

Red belly ♂

Song sp.

Titmouse

Crow sp

Mocker

* Peculiar Downy

* + yellow gale

yellow

April 12 Tues

Sunny cool

AQ 135 56-45-61-42

12 White thr

6 Goldfinches

Doves

30- Cardinals

Jays

Downy

* Strange Downy

House Finches

Titmouse

See sp

Song sp

Red belly ♂

Crows

♂ Grackles

no juncos

11 Hedge cat

a wh footed M

we still have

Crested lark

Crested lark

Crested lark

Apr 13 - 83 Wed

Sunny cool

AQ 130 62-41

10 White thr

6 Goldfinches

Robins

Red belly ♂

Downy

Strange

Grackles

House Finches

Chickadee

Titmouse

Mocker

Doves

Cardinals

Apr. 14 '83 Thurs

cool - sun - occ

AQ 135 64-41

Mocker

Downy

3 Chickadee

Titmouse

10 Goldfinches

Cardinals

White Thr

Doves

Red belly

Grackles

House Finch

Doves

April 15 '83 Friday

Rained hard all day A Q 15-620-510

Regular birds - 64-44

Sat 4-16-83

Sunny Windy A Q 24-54-54

Sunday 4/17

Sunny cold A Q 30

post on bird 58-36

back. (Fox) Hail 3PM snowflakes

15+ Grackles

8 Doves

Cardinals

Jays

Wh Thits

12 Goldfinches

6 Grosbeaks

2 Bluebirds

4 Chickadees

House F.

Titmouse

4-17 cont

2 Red bellies

3 Downys

long sp

* Junco

Crow 6 PM

* 2 Chipping sps

at sp feeder

* Field sps.

Daffodils in bloom in abundance

First bloom about 4/1

Ours seem later than friends.

4-18-83 Monday

Cold Sunny A Q 35-49-34

Goldfinches

House finches

Titmouse

Chickadees

White Thits

Grackles

Jays

Cardinals

Doves

3-4 Downys

2 Redbellies

Eng sps

Crow

4-19-83 Tues

Cold Sunny A Q 30 46-34

20-30 White Thits

Goldfinches

Cardinals

Grackles

Doves

Titmouse

Chickadees

Jays

3-4 Downy

House finches

Red bellies

Crow

House sps

Apr 20 1983
Wednesday
Cold

April 21-1983
Thursday
Cold Sunny
AQ 150
63-33°

| | |
|---------------------|---------------|
| Chickadees | Sharpshin |
| Titmouse | Titmouse |
| Doves | Chickadee |
| Jays | Goldfinches |
| Housefinches | Cardinals |
| Cardinals | House Finches |
| Red bellies | White Throats |
| Downys | Grackles |
| Goldfinches | Eng. sps |
| 20-30 White Throats | Jays |
| Towhee ♀ | Doves |
| Grackles | Red bellies |
| Eng. sps | Downys |
| Song sp | Towhee ♀ |
| Mockingbird | Eng. sps |
| Crows | |

* The birds are
very shy at feeder

April 22, '83 Fri.
Cold Sunny
AQ 160
68-41

Apr 23 '83
Cool - 0° cast
AQ 130
67-44°

| | |
|------------------|---------------|
| Titmouse | Titmouse |
| Chickadee | Chickadee |
| Goldfinches | Goldfinches |
| White Throats | White Throats |
| Housefinches | House Finches |
| Cardinals | Cardinals |
| Eng. sps | Eng. sps |
| Doves | Doves |
| 3-4 Downys | 3-4 Downys |
| 2 Red bellies ♀♂ | Red belly |
| Grackles | Grackles |
| Jays | Jays |
| | Towhee |

Crest less Cardinal
Strange downy - bushy
headed - long bill -
Jim said not a hairy

Sunday
Apr 24 '83
Raining E.D.T.
Apr 25
53-46°

20-30 White Thats
10 Goldfinches
Jays
Cardinals

6 Doves
3 Downys
2 Redbelly ♂ & ♀
House finches
Chickadees
Titmice
Grackles
Eng sps

Monday
Apr 25 '83
overcast
50-30
52-41°

White Thats
Goldfinches
Jays
Cardinals

Doves
Downys
Redbelly ♂

Titmice
Grackles
Eng sps

" Heidi Stalpan
3 deer backyd

Thurs
April 26 '83
Tuesday - sunny
Regular birds
Apr 30 73-47°

Wed Apr 27 '83

0° cast cool
Q 55, 82°-50°

Cardinals
Goldfinches
White Thats
Eng sps
Doves
Jays
Downys
House finches
Grackles
Redbelly ♂ & ♀

Full Moon!

Thurs
Apr. 28 '83
Sunny warm
AQ 180 88-56
80

Cardinals
Eng sps
Goldfinches
White Thats

Grackles
Jays
Doves
Downys
Redbelly
* C Wrens
Chickadee
Titmice
Two hrd ♂

Chickadee flew from top of tree
The 1st feeder
filled yesterday is
still full
Blue bird has a
lot of nest material

Thu 4/24/83
Sunny warm
api 35 82-57

Regulars
Tick on Heidi

Sat 4/30/83
api 55 79-67

Goldfinches
Cardinals
Chickadees
Wh Thrts
Chup sp
Titmice
Grackles
Doves
Jays

May 1 '83 Sunday
Sunny 9AM
api 55 82-66

Church today
No birds 7:00
Doves

Cardinals
Grackles
Goldfinches
Redbelly
White Thrts
Chickadees
Titmice
Downys
1 House sp
Bob-white

where are the birds

Crouch + Menzies
Lilacs blooming
Cleared under nest
red garage

May 2 '83
api 40 81-68

Grackles over
I saw Heidi on V. field

White Thrt 5.4-83
Titmice 0' cast api good range
3 Chickadees 69-53
Chup sp 7:30 x seed full
not a bird

Goldfinches
* Wrens
Redbelly (c)
Robins
Downy
P Doves

5-3-83 api 40
82-72

Goldfinches
Doves
Cardinals
Wh Thrts
Wren (seen)

at Bea W

Grackles
Cardinals
Doves
Goldfinches
Jays
Wrens
Downy
Chickadee
Titmice
Flicker back
Robins
Wh Thrts
Nuthatch
Crows

May 5 '83
Cool Perfect day
7AM a di 55
73-480

House Finch
Titmice
Cardinals
Jays
Goldfinches
Chickadees
3-5 Downys
Grackles
Doves
Field sp.
4 Robin
Redbellied ♀
Wrens
✓ Bluebirds
Eng sps
No White Throats
✓ 2 eggs Bl. Bird
red box

May 6, '83
Cool a di
71-460 55
Mockingbird
House Finch
Titmice
Cardinals
Jays
Goldfinches
Chickadees
Starlings
Downys
Grackles
Doves
Song sp.
Robins
Redbelly
Wrens
Bluebirds ♀ & ♂
Eng sps
Song sp.
Wh. crn?
cat bird
YR Warbler

Jonguils all thru April
Cool April -
Lilacs end of April
Dianthus and Ayalas
about May first
Snowball - 5/4 starting to bloom
Poppys late one 5/7
Lilac
Dogwood May 1
Red bud "
Columbines - 5-4.
The purple Ayalas (Mrs Wetmore)
spread dramatically

May 7 - 1983 May 8 - 1983
 Saturday Mother's Day
 Sunday
 Cool sunny Rain PM
 AQ 150 AQ 150
 77-50 74-63

House Finch 4+ Downy
 Cardinals 6 Goldfinches
 Doves Jays
 Goldfinches Doves
 Grackles 3 Grackles
 Wren(s) 2 House Finch
 Red belly Wrens
 Chickadee Cardinals
 Jays Red belly ♂ & ♀
 T. Vultures Nuthatch
 Crows Bluebirds
 Robins + V
 Mock Bird Catbird
 4 Downy Robins
 T. Vulture
 Chickadee

No who-thr's

+ 2 eggs.

Bushy Todd Downy

May 9 - 1983 May 10 - 1983
 Cool Sunny Cool Sunny
 AQ 140 64-45 AQ 140 71-43°

Downy
 Cardinal
 Chickadee
 Doves
 Tit mice
 Jays
 Grackles
 Goldfinches
 Red belly ♂ & ♀
 3 Crows
 Bluebirds
 Nuthatch
 House Finch
 Wren
 Crows

Nuthatch
 Cardinals
 Doves
 Tit mice
 Chickadee
 Doves
 Goldfinches
 Jays
 Grackles
 Red belly ♂ & ♀
 Catbird
 House Finch
 Downy
 Bluebirds
 Wren
 Crows
 * White Thr

Often: at sunset

* Scarce

May 11-1983
Wednesday
Cool (shot of heat)
A 35° 74-48

Goldfinches
Chickadees
Titmouse
2? Nuthatch
Cardinals
Doves
Grackles
2 Cape May Vireos
Redbelly 3+
4 Downys
Hairy?
House Finch

May 12 '83
*Kate V. coming 9:15
Cool Sunny
A 40° 74-48°

Cardinals
Goldfinches
Grackles
✓ Downys
Chickadees
Titmouse
House F

*Left home 9:45
Ret home 11:30

✓ Busby had
one foto

May 13 '83 Fri,
Downy 55
78-58°
gone most of day

May 14- '83 Sat
A 40° 81-58°
Same -

May 15 '83 Sun.
Kate 3 PM
Rained in PM
A 30° 86-68°

Downy Robin
Cardinals Mockers
Doves

Chickadees
Titmouse
Catbird
Grackles
Wrens
Redbellies
Jays
Goldfinches

Mon May 16 '83
Rain all day
72-47°

Redbellies
Cardinals
7 Goldfinches
8 Doves

Downys
Wrens
Catbird
Bluebirds
plus other
regulars

Tues May 17 '83
Sunny - Δ 50
67-64³⁰

Downys
Cardinals
Doves
8 Goldfinches
Downy woodpecker
Redbellies
Chickadees
Titmouse
Wrens
Bluebirds
Catbird
Grackles
Crows
Jays
House Finch

Wed. 5/18/83
Sunny Δ 65
72-49⁰

Downys
Cardinals
House Finch
Jays
Grackles
Goldfinches
Titmouse
Wrens
Chickadees
Bluebirds
Catbird
Grackles
Crows
House Finch
Jays Doves

Thurs 5/19/83 5-20-83 ~~Thurs~~
O'cast Rain * Rain Δ 55
 Δ 60. 69-53⁰

Had heat late
6 Goldfinches
Doves
Downys
Wrens
Catbird
Cardinal
Red belly
Hummingbird
Robin etc

To Warfields

Note: Cool
spring - prob
accounts for
abundance of
bloom - most
ever here & lasting

780-62
clearer sunny
Wrens
Jays
mowed

Grackles
House Fin
Cardinals
Doves
Goldfinches
Robin TV

5-21- Sat
 Δ 125
73-68
Doves

Jay
Wrens
Downy
Grackles
Robin
M. bird
Chickadees

5-22-83 Sun Crows
 Rain. aqi 20 1 Grackles
 71-64 1 Starling
 4 Downys Peewee
 12 Doves R's terrace Iris
 8 Cardinals (purple brown)
 8 Goldfinch Poppies have
 Titmice bloomed for few days
 Chickadees Heidi caught small
 Robins 1st Rhododendron
 Redbellies bloom -
 48 sp last yr. Azaleas in
 ice garden

5-23-83 Monday
 early am rain aqi 40
 68-83 Planted Impatiens
 + Petunias

Redbelly 2
 1-2 Goldf-
 7 Chickadees
 Catbird
 Mockers
 Bluebird
 Chickadee
 Titmice
 2 Barn Swallows in att'd garage
 70x5:30 PM
 5-24-83 Tues
 o'cast aqi 45
 66-72°
 Downys
 2 Doves
 1 Goldf
 2 Grackles
 Titmice

phoebe A
 Catbird
 Wren
 Robin
 Thrasher
 etc

Heidi caught
 young chipm.
 Shot H. in

5-25-83 Wedn.

Cool aqi 55

75-53°

Cardinal
 Goldfinch
 Dove

Downy
 Chickadee
 Titmice

2 Thrasher
 Oriole
 House Finch

5-26-83 Thurs
 girls coming
 o'cast aqi 55
 74-59°

Downys
 Redbellies
 Cardinals
 Titmice
 Dove
 Chickadee
 4 Goldfinches
 etc

Slugs 3 prob ate chips
 in 2 pots

No sparrows
 for days

5-27-83
 aqi 45: 59°-40°
 4 little bluebirds
 House Finch

5-28-83 Sat
27 frys 8:30
AQ 140-
72-54°

5-29-83 Sun.
Rained all day
AQ 120
70-61°

Titmice
Thrasher
Chickadees
Bluebirds
Grackles
Crows
Cardinals
Song sp
Eng sp.
Downys
Red belly
Thrasher
Phoebe
P. Martin

May 30 '83
Monday
dark Tam
AQ 115-120
76°-66°

Bluebird
Titmice
Downys 2 ♀
2 House finches
Red bellies
Robins
Cardinals
Doves
Chickadees
2 Song sp
Thrasher
Mockingb.

No goldfinches
recently at
the feeder

May 31-1983
Tues.
AQ 144
75-64

all the reg. +
Thrasher
Mock bird
Robins
Starling

June 1-1983
Cloudy AM
AQ 140
72-59

Doves
Song sp
Cardinals
Chickadee
Nuthatch

Sat June 4 '83
see next bk
Bob white

June 2-1983
Sunny
AQ 150 74-55°

goldfinch
Thrasher
Eng sp
Thrasher
Mocker
Cardinals

Dove
House Finch
Grackles
Titmice
Chickadee

Fri June 3 '83
AQ 155: 79-62

Chickadee
Cardinals
Titmice
Song sp
Bob White
House Finch

1-25-83 132/74 Pulse 80

1-31-83 130/68 Pulse 84

2-3-83 124/64

2-7-83 noon 90/46

2-8-83 8:25 AM To heaven

